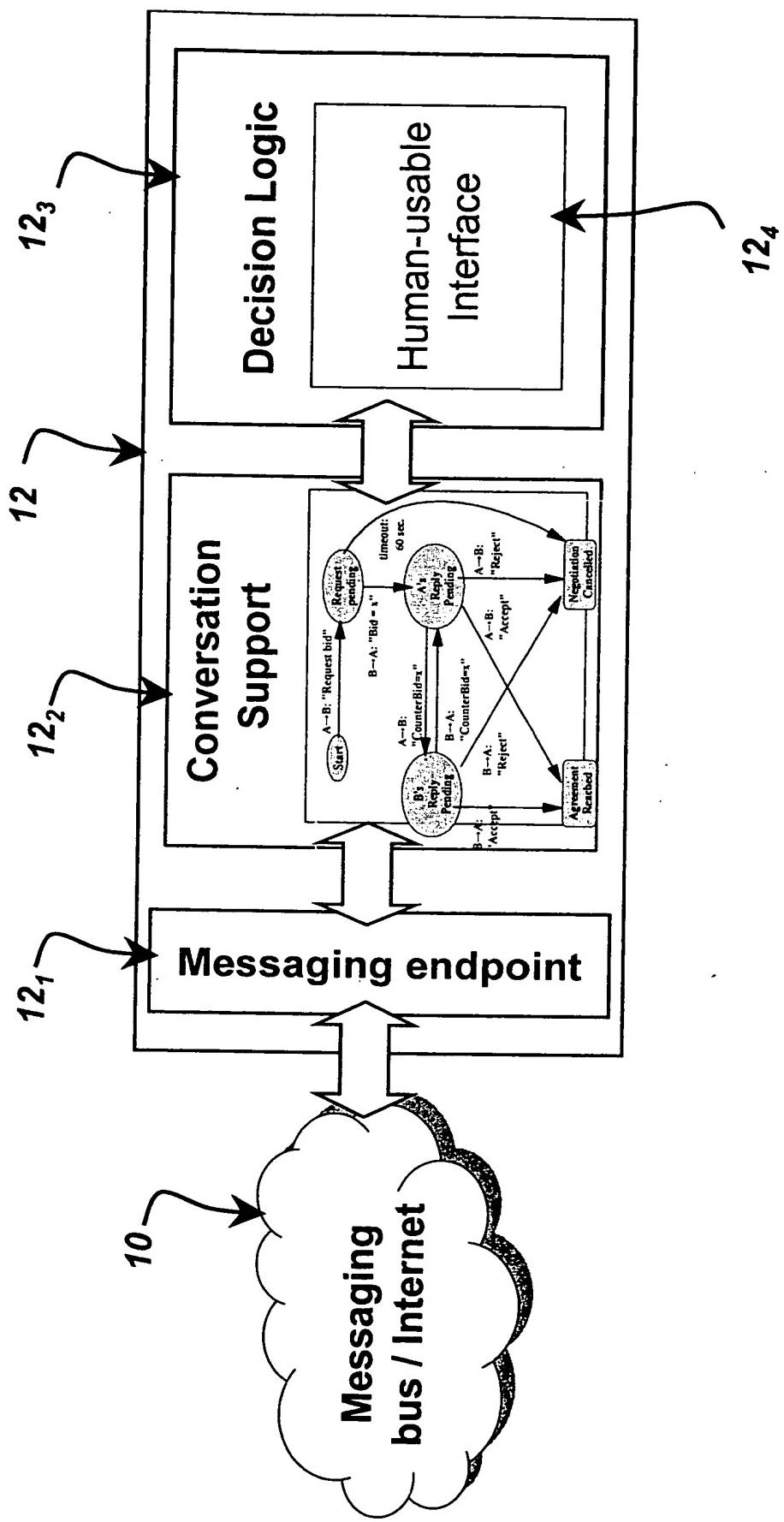


FIG. 1



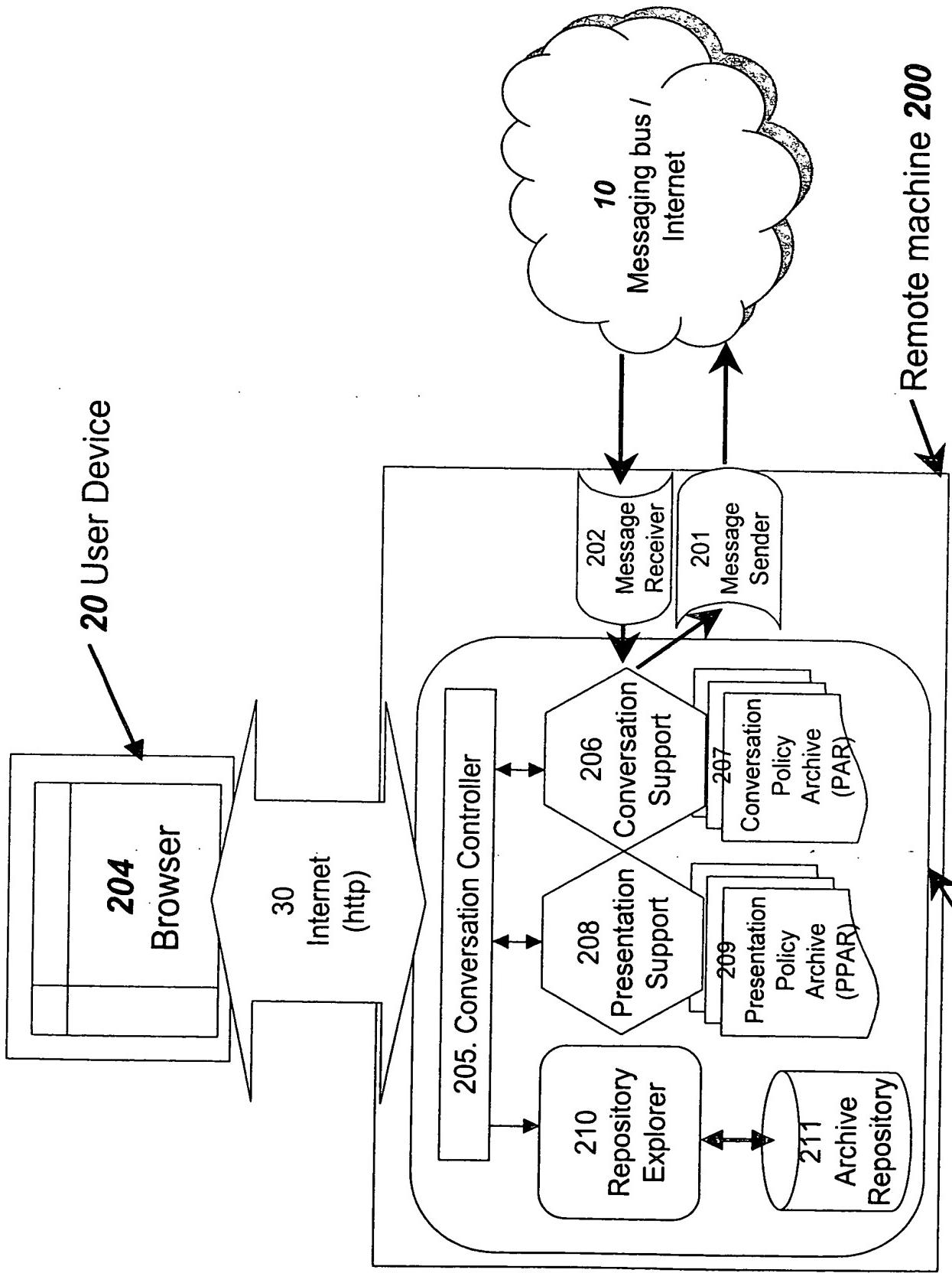


FIG. 2

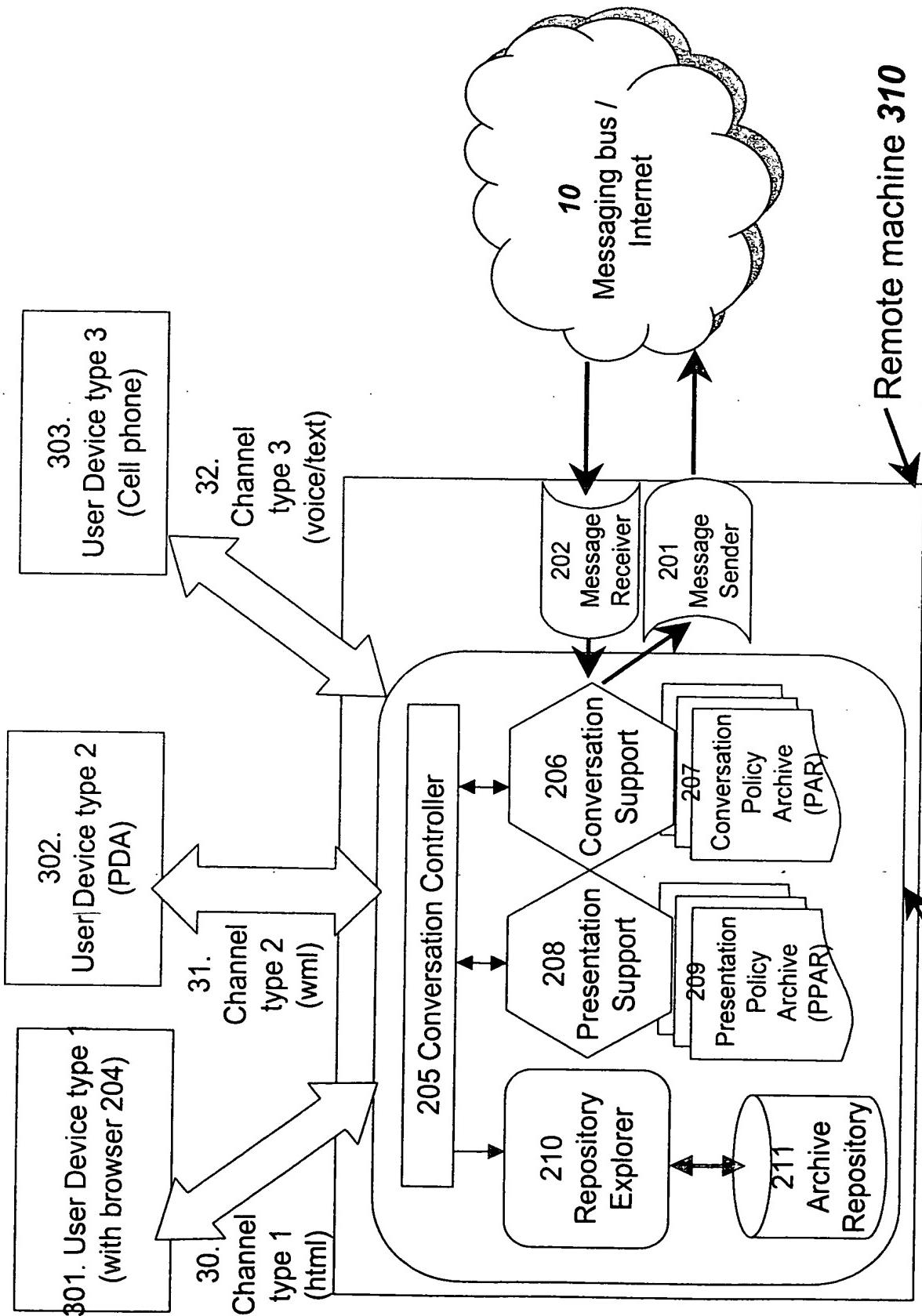
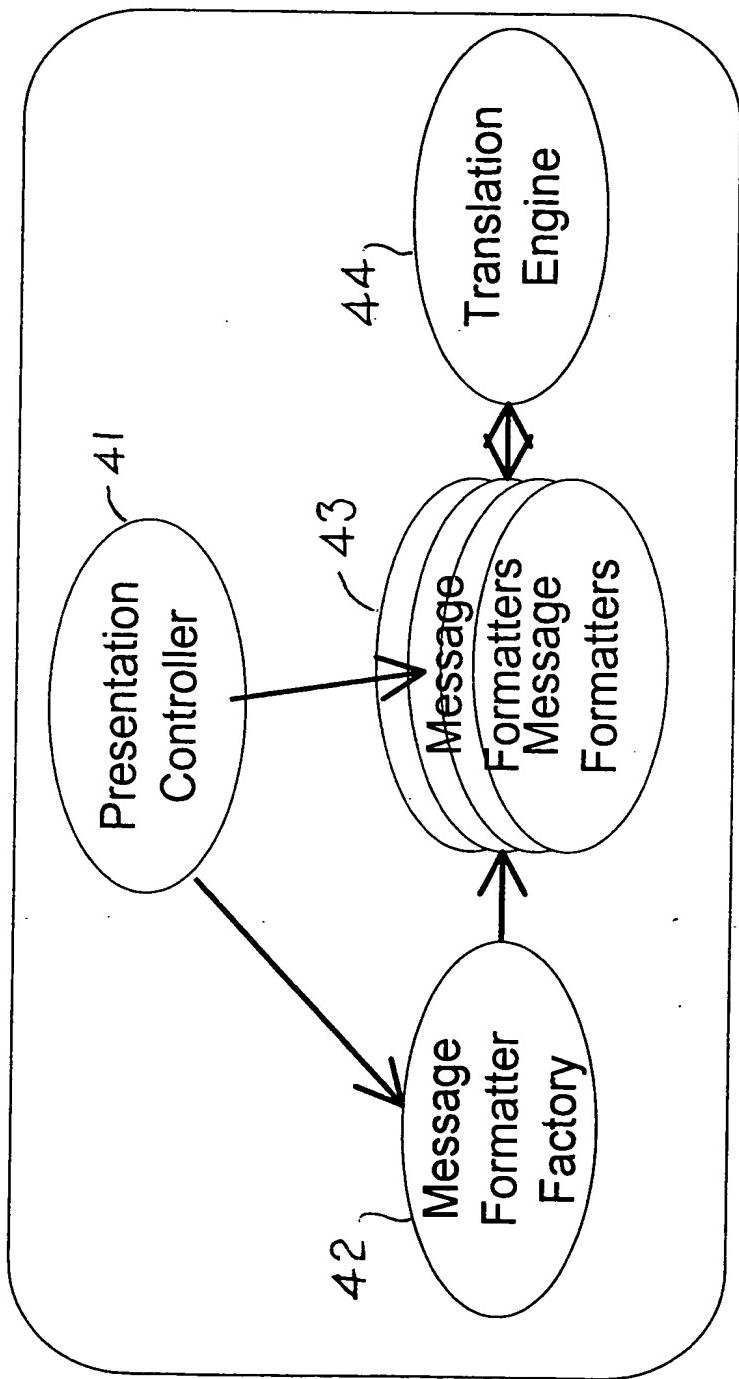


FIG. 3
311 Conversation server

FIG. 4



The Restaurant Service "Conversation" / 51

Customer: "Restaurants near IBM Hawthorne please"
 SP: "We have 3 in the location - Malabar Hill (Indian), Olive Garden (Italian) and Great Wall (Chinese)"
 Customer : "OK, lets try Malabar Hill"
 SP: "Great, 10 miles away, avg entrée price is \$20 and dinner hours are till 10 pm"

Customer : "Too far away, anything within 2 miles?"
 SP: "Olive Garden"

Customer : "Olive Garden it is"
 SP: "Great, that would 1.5 miles, \$15 avg price and dinner hours are till 10 pm"
 SP: "Would you like to order"
 Customer : "yes please"
 SP: "Let me transfer you to the Olive Garden service"

The Presentation to Customer

You are playing role: Customer

501
502
 Last Message Received From: Service Provider
 Restaurant: Malabar Hill
 Avg Price: \$20; Dist: 10mi; Hours: 10pm
 Earlier Messages

503

Your Choices:

- Accept
- Reject
- Select Again

Send

The "Restaurant Service" (CP) / 52

Roles: Customer-C, Service Provider-SP

521

C->SP: Restaurants@Haw

522

Query Made

SP->C: Listing

523

Awaiting Selection

C->SP:Select<Restaurant>

524

Selected

SP->C: Pricing etc

525

Awaiting Approval

C->SP: Reject

526

C->SP: Accept

527

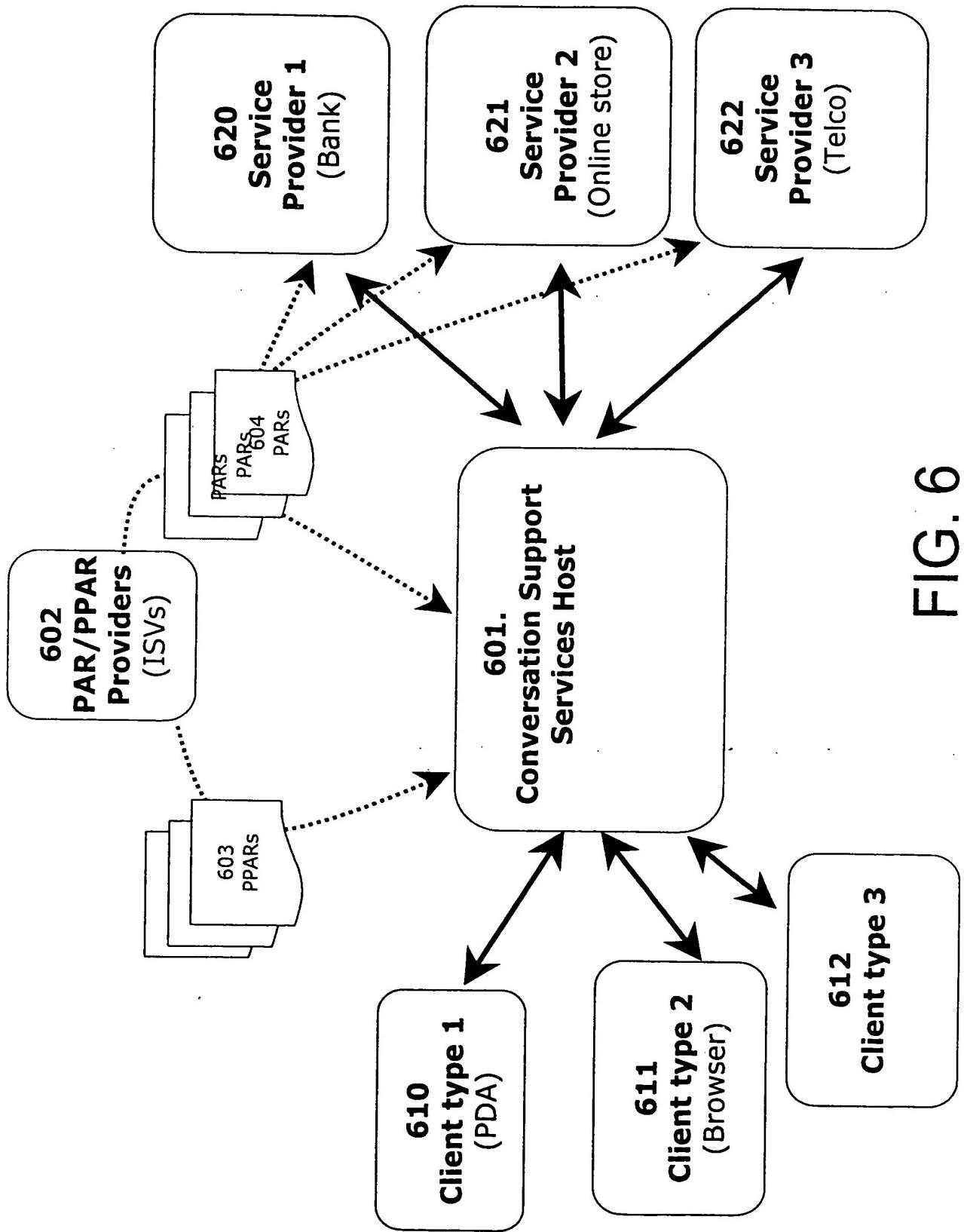
End

SP->C: Load "Restaurant" CP

Presentation automatically rendered, based on CP in use, the current state, and the current state's transitions.

FIG. 5

FIG. 6



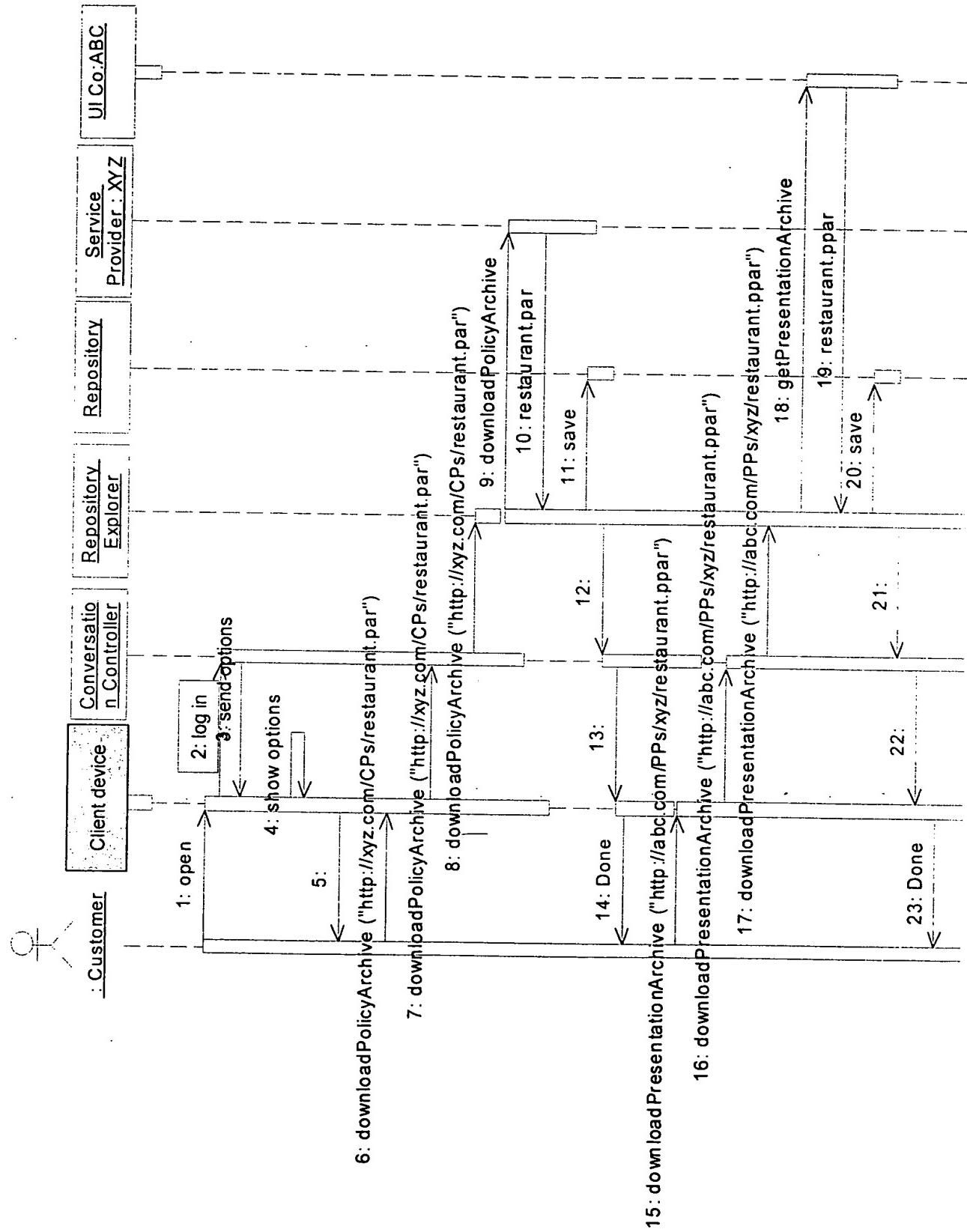


FIG. 7

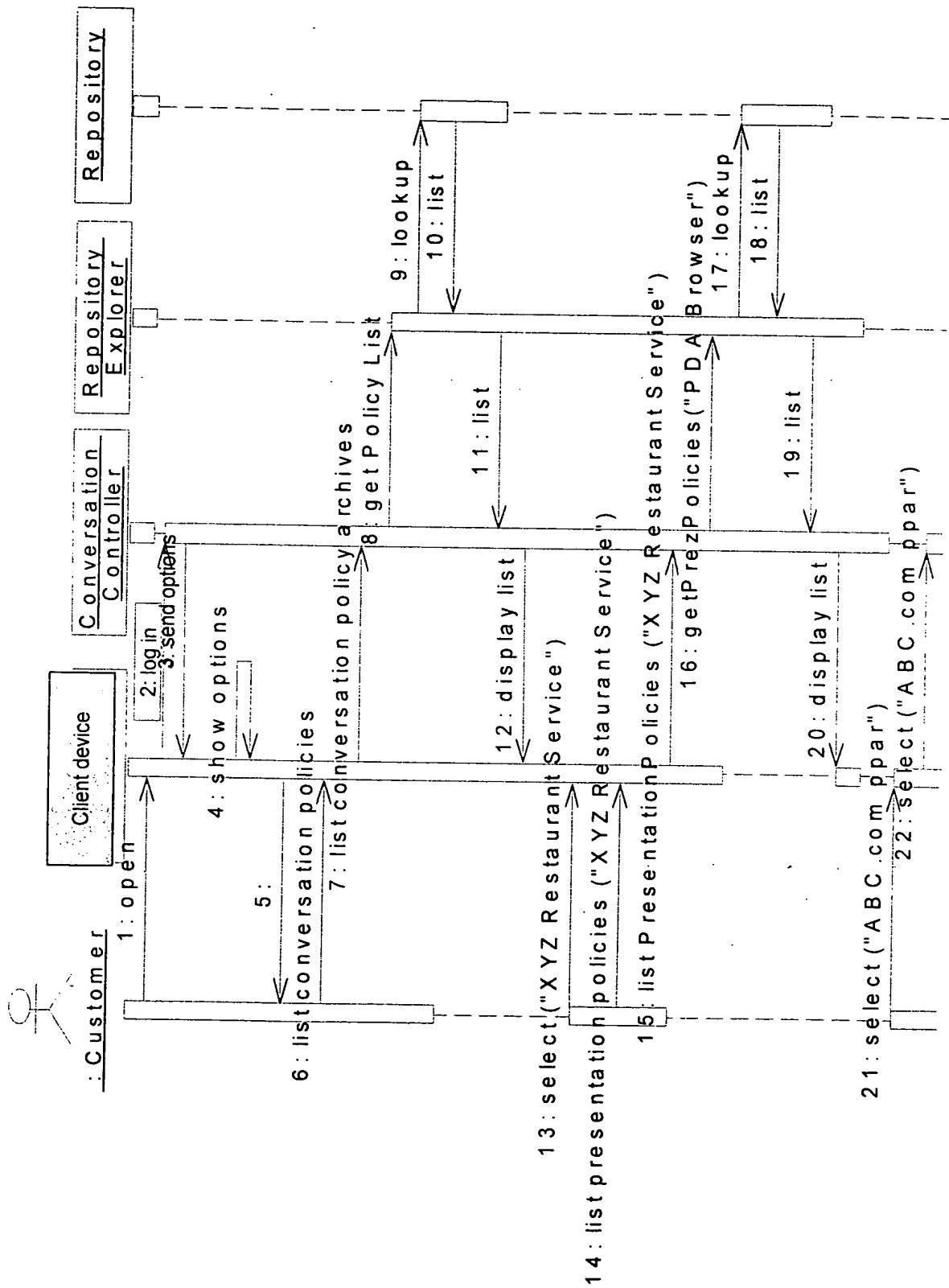
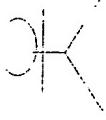


FIG. 8

FIG. 9



: Customer

Client device

Conversation Controller

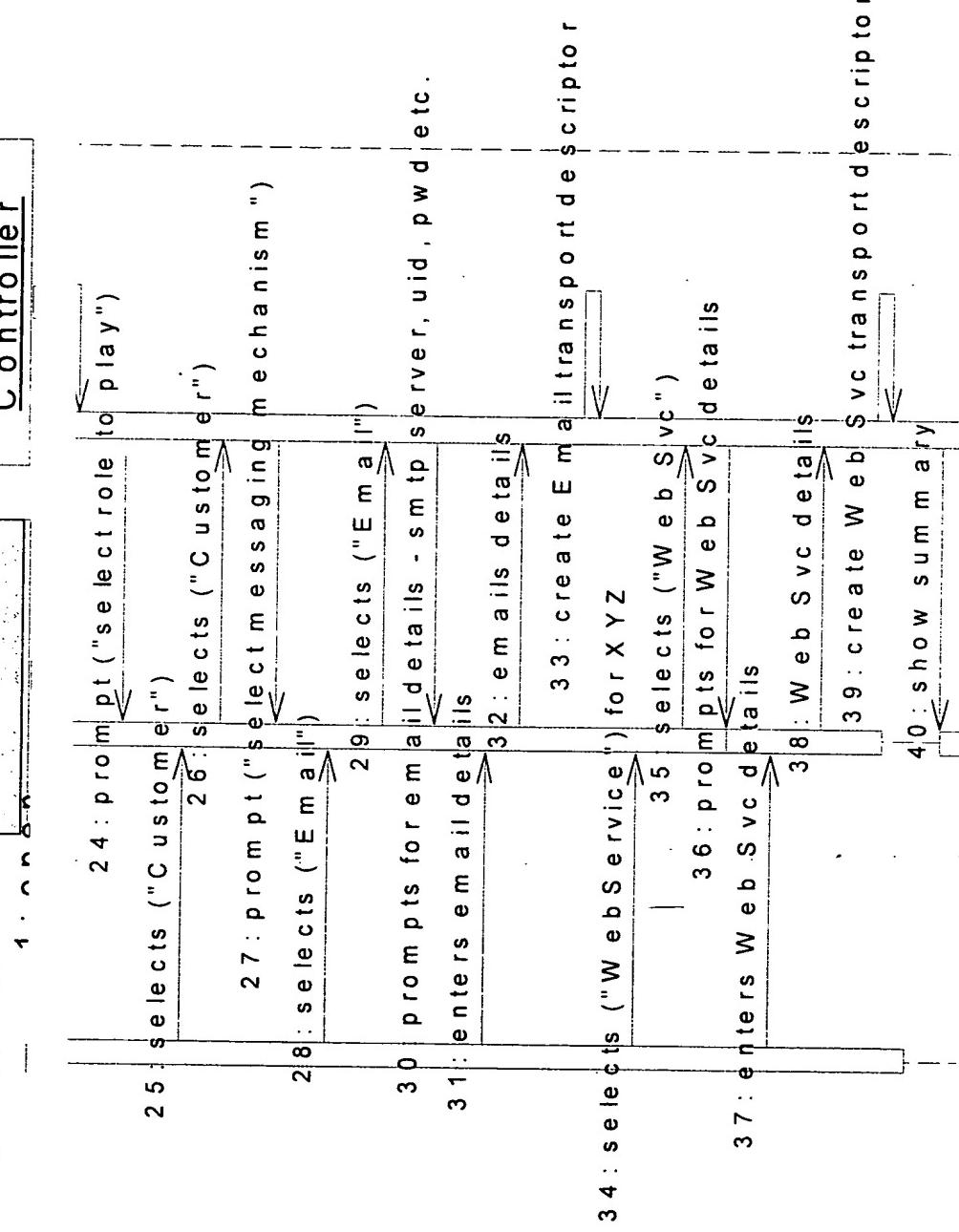


FIG. 10

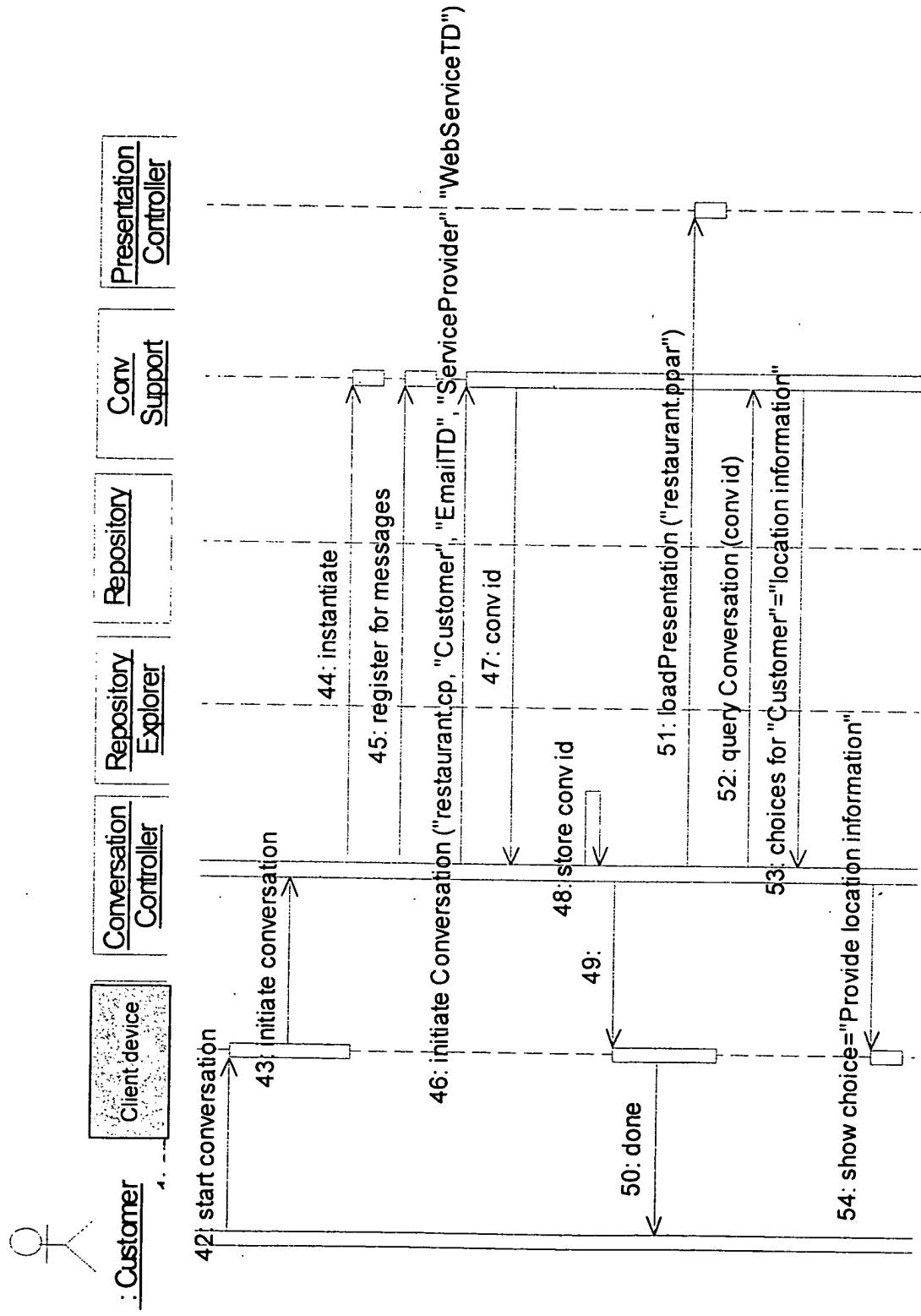


FIG. 11

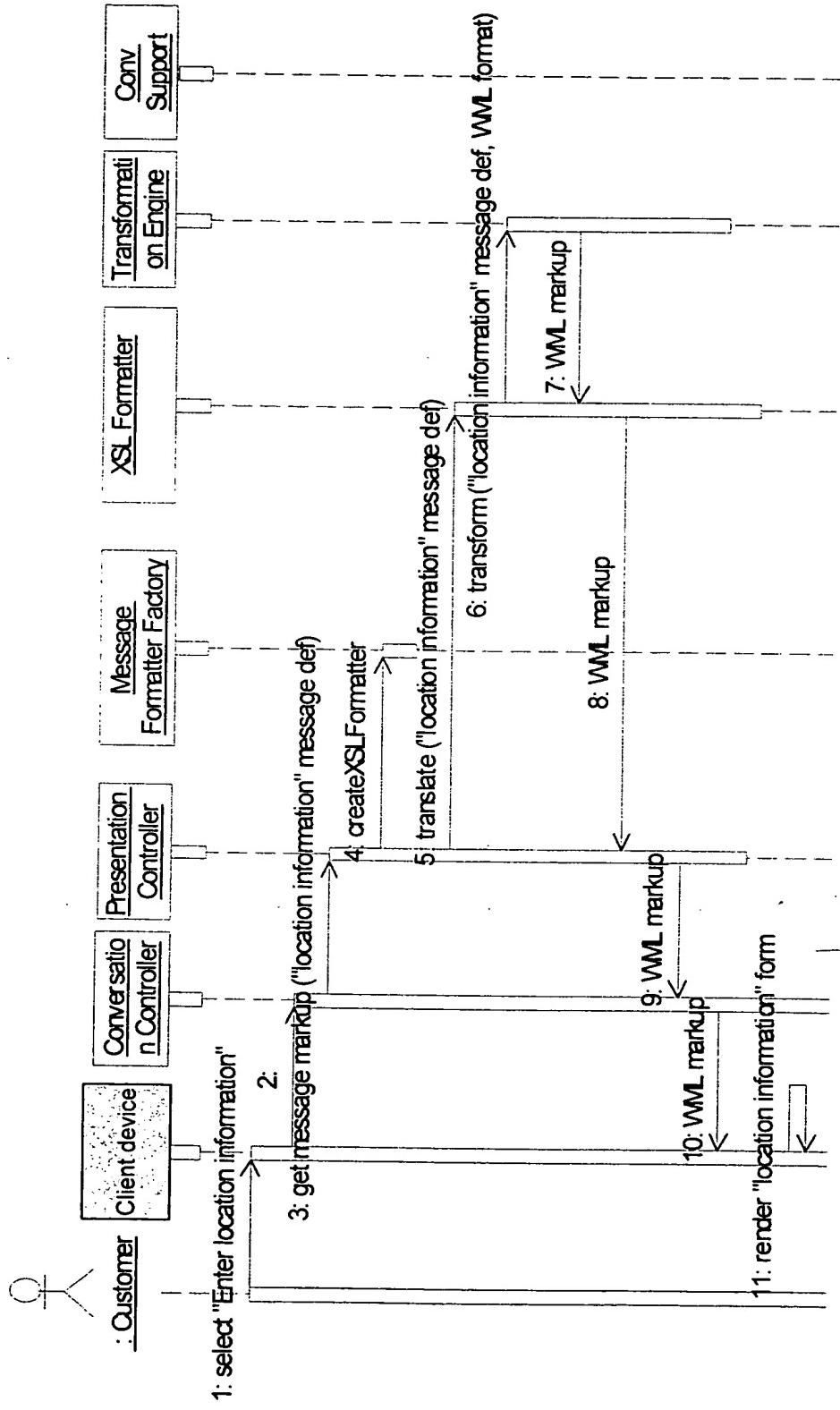


FIG. 12

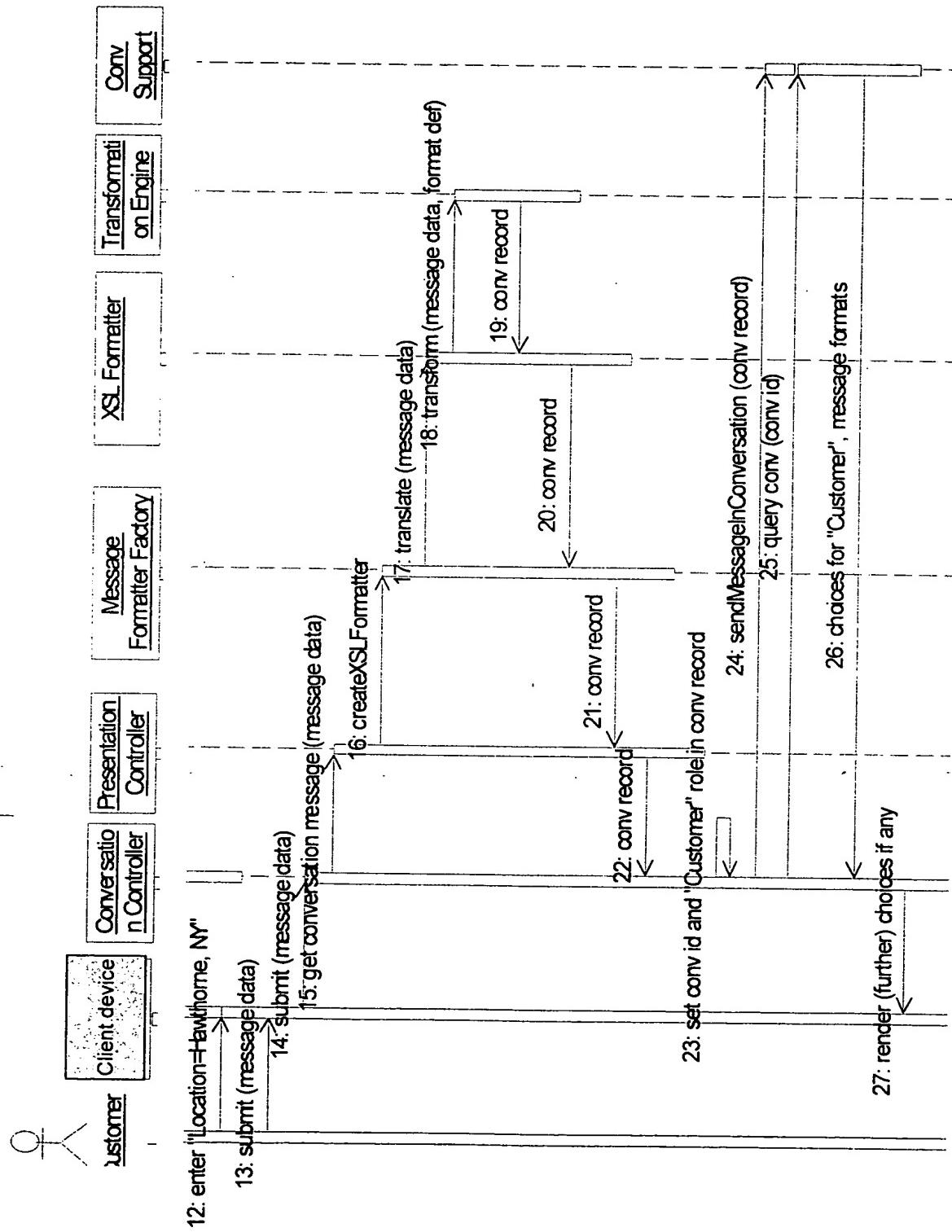
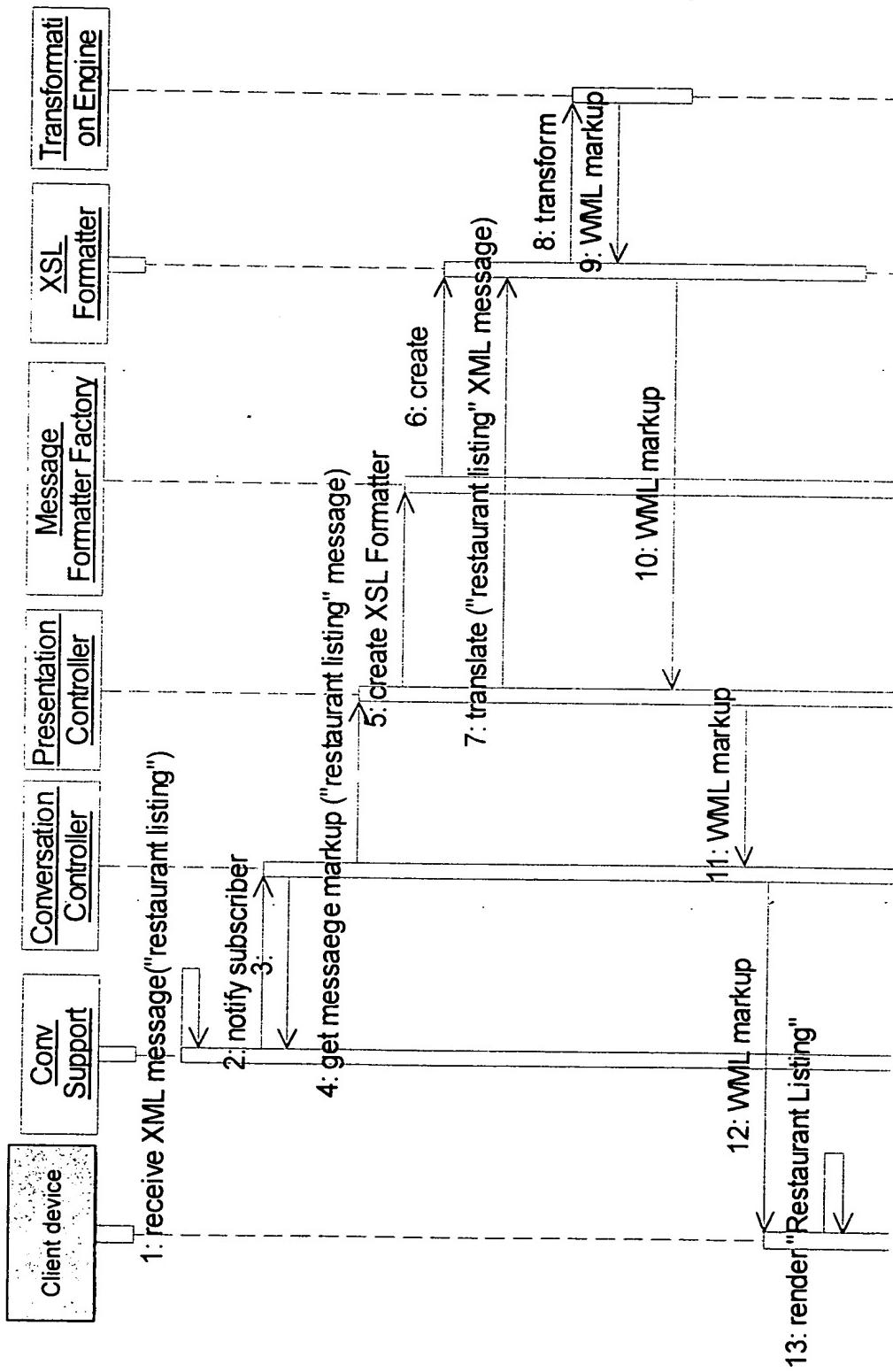


FIG. 13



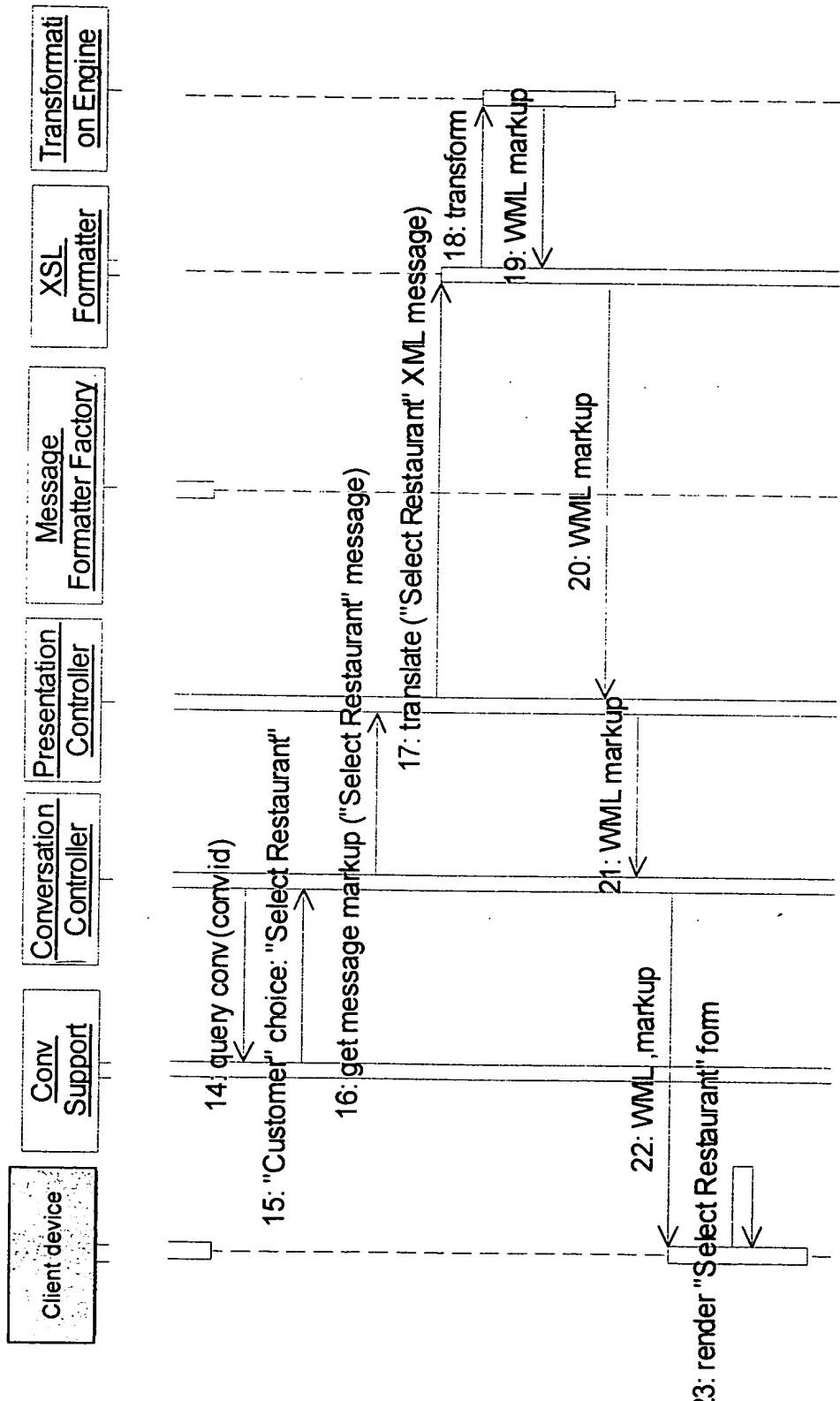


FIG. 14

FIG. 15

